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06/04/01  
11058 U.S. PTO

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

11046 U.S. PTO  
09/872810  
06/04/01

**PATENT APPLICATION**

Ammicht-Davis-Shively

CASE 5-3-15

**TITLE** Improved Coefficient Computation in Image Compression  
Using Set Partitioning in Hierarchical Trees

**THE COMMISSIONER OF PATENTS AND TRADEMARKS**  
**WASHINGTON, D. C. 20231**

**SIR:**

Enclosed are the following papers relating to the above-named application for patent:

- Specification, Claims and Abstract – 36 pages
- Informal sheets of drawing(s) - 17 sheets
- Certificate of mailing and return post card

This application is filed with missing parts:

- Assignments
- Recordation Form Cover Sheet
- Declarations, Power of Attorney and Associate Power of Attorney

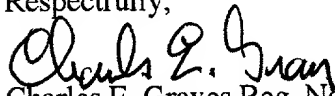
CLAIMS AS FILED				CALCULATIONS
	NO. FILED	NO. EXTRA	RATE	
Total Claims.....	18	0		0.00
Indep. Claims.....	2	0		0.00
Multiple Dep.				
Claim(s), if any.....	0			0.00
Basic Fee.....				\$710
late fee for filing with missing parts (being paid in advance).....				\$130
TOTAL FEE.....				\$840

Please charge the fee to Lucent Technologies, Inc. Deposit Account 12-2325. Three copies of this letter are attached. In the event of inaccurate payment of a required fee, the Commissioner is authorized to charge or credit Deposit Account No. 12-2325 as required to correct the error.

Please direct all correspondence in this application to:

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Respectfully,



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May 31, 2001

09872810-050401

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**Figure 1.** The effect of the concentration of the polymer solution on the apparent activation energy ( $E_a$ ) of the thermal degradation of poly(amide-imide) at different temperatures. The values of  $E_a$  were determined from the slopes of the plots of  $\ln \frac{dW}{dT}$  versus  $1/T$ .